

Attorney Docket No. 362-43 PCT/US

In re Application of: Yamamoto, et al.
Serial No.: 09/600,931
Confirmation No.: Unassigned
Filed: July 21, 2000
For: DAMASCENE INTERCONNECTION AND
SEMICONDUCTOR DEVICE

COMMISSIONER FOR PATENTS
Washington, DC 20231

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Commissioner for Patents, Washington, D.C.

20231 on March 7, 2002

Signature: Joyce Peterson

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

| | (Col. 1) | | (Col. 2) | (Col. 3) |
|--------|---|-------|---|------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| TOTAL | * 12 | MINUS | ** 20 | = 0 |
| INDEP. | * 2 | MINUS | *** 3 | = 0 |

| SMALL ENTITY | |
|--------------|--------------|
| RATE | ADDL. FEE |
| x 9= | \$ |
| x 40= | \$ |
| x 135= | \$ |
| TOTAL | \$ 0.00 |

| OTHER THAN A SMALL ENTITY | |
|------------------------------|--------------|
| RATE | ADDL. FEE |
| x 18= | \$ |
| x 80= | \$ |
| x 270= | \$ |
| TOTAL | \$ 0.00 |

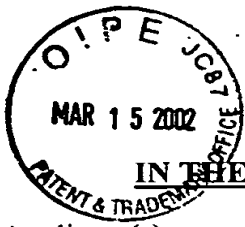
- ☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS
- ☐ Please charge my Deposit Account No. 08-2461 in the amount of \$_____. A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$_____ is attached.
- ☒ The Commissioner is hereby authorized to charge any fees or additional fees associated with this communication or credit any overpayment to Deposit Account No. 08-2461. A duplicate copy of this sheet is attached.
- ☒ Any filing fees under 37 C.F.R. 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 C.F.R. 1.17.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-------------------|--|-----------------|---------------|
| Applicant(s) | Yamamoto, et al. | Examiner: | Eugene Lee |
| Serial No.: | 09/600,931 | Group Art Unit: | 2815 |
| Confirmation No.: | Unassigned | Docket: | 362-43 PCT/US |
| Filed: | July 21, 2000 | Dated: | March 7, 2002 |
| For: | DAMASCENE INTERCONNECTION AND SEMICONDUCTOR DEVICE | | |

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20231 on March 7, 2002

Signature: _____

Joyce Peterson

REPLY TO FINAL OFFICE ACTION

Sir:

In response to the final Office Action mailed October 9, 2001, a reply to which is due March 9, 2002 with a two-month Petition for Extension of Time submitted herewith, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claim 8 by rewriting the same as follows:

8. (Twice Amended) A semiconductor device, comprising:
- a semiconductor substrate;
 - an insulating film formed on said semiconductor substrate;
 - an interconnection trench formed on said insulating film and communicating with a semiconductor element;
 - a pad trench formed on said insulating film and communicating with said interconnection trench;
 - a protrusion formed by a portion [of] not removed of said insulating film in said pad trench and reducing a substantial opening area of said pad trench;
 - a conductive film buried in said interconnection trench and said pad trench;

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